

RECORDATION FORM COVER SHEET

U.S. Department of Commerce

Patent and Trademark Office

PATENTS ONLY

To be filed with the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Juha Heiskala and John Terry

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Nokia Mobile Phones Limited

Street address: Keilalahdentie 4, 02150 Espoo, Finland

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date: _____

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

Attorney Docket No.: NC17164

Additional numbers attached? ☐ Yes ☒ No

5. Name and Address of party to whom correspondence concerning document should be mailed:

Name: Robert H. KellyInternal Address: Holland & Hart LLPP.O. Box 8749Denver, CO 80201Street Address: 555-17th Street, #3200City: Denver State: CO Zip: 802026. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

08-2623

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Robert H. Kelly, #33,922

Name of Person signing

Signature

Date

Total number of pages including cover sheet, attachments and document: _____

PATENT
EXPRESS MAIL NO. EL705824578US
Attorney Docket No. NC17164
Client/Matter No. 40725.830113.000

ASSIGNMENT

WHEREAS, we, Juha Heiskala, having a residence address of 9486 Valley Ranch Parkway, Apt. 2081, Irving, Texas 75063; and John Terry, having a residence address of 1402 Blakes Way, Garland, Texas 75042, have made a new and useful invention relating to a APPARATUS, AND ASSOCIATED METHOD, FOR FORMING A MODULATED SIGNAL UTILIZING OTD AND TCM TECHNIQUES, for which we are making or have made application for Letters Patent of the United States, said application being identified by Serial No. 09/672,753, Docket No. NC17164 and Client/Matter No. 40725.830113.000, in the law firm of Holland & Hart LLP, 555 Seventeenth Street, Suite 3200, Denver, Colorado, and which was executed September 28, 2000, and

WHEREAS, we now own the entire right, title and interest therein; and

WHEREAS, Nokia Mobile Phones Limited, hereinafter ASSIGNEE, a Finnish corporation, whose post office address is Keilalahdentie 4, 02150 Espoo, Finland, is desirous of acquiring the entire interest in said invention, said application, and the Letters Patent to be obtained therefor;

NOW THEREFORE, upon consideration of our employment and other good and valuable consideration, the adequacy of which is hereby acknowledged, we do hereby sell and assign unto ASSIGNEE, and ASSIGNEE's legal representatives, successors, and assigns, the entire right, title, and interest in said invention, said application, and the Letters Patent, both of the United States and of other countries, and inventor's

certificates, that may issue thereon; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, consistent with this Assignment.

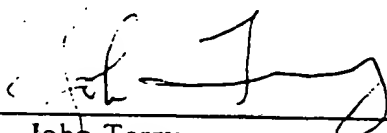
UPON SAID CONSIDERATION, we do hereby covenant with ASSIGNEE that we will not execute any writing or do any act conflicting with this assignment, and that we will upon request, without further consideration but at the expense of ASSIGNEE, execute such additional assignments and other writings and do such additional acts as ASSIGNEE may deem necessary or desirable to perfect ASSIGNEE's enjoyment of this grant, and render all necessary assistance in applying for and obtaining original, continuation, continuation-in-part, divisional, reexamined, renewal, reissued or extended Letters Patent of the United States or of other countries, or inventor's certificates, on said invention, and in enforcing any rights or causes in action accruing as a result of such applications, certificates, or patents, by giving testimony in any proceedings or transactions involving such applications, certificates, or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals on the date hereinafter set forth.

Date: 11/23/00


Juha Heiskala

Date: 11/24/00


John Terry